

Pending Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

Claims 1-2. (Cancelled).

Claim 3. (Currently amended) A method for providing an interactive voice response service, comprising:

selecting a script ~~formatted~~ composed in accordance with a language for scripting interactive voice response services and having embedded therein an element of a high-level programming language;

processing the script, wherein processing the script includes executing the element of the high-level programming language to dynamically generate a script fragment ~~formatted~~ composed in accordance with the language for scripting interactive voice response services and replacing the element of the high-level programming language with the generated script fragment to provide a processed script; and

interpreting the processed script to generate a voice response.

Claim 4. (Previously Presented) The method of claim 3, wherein the language for scripting interactive voice response services is Voice Extensible Markup Language (VoiceXML).

Claim 5. (Previously Presented) The method of claim 3, wherein the element of the high-level programming language comprises a Java programming language element.

Claim 6. (Previously Presented) The method of claim 3, wherein the element of the high-level programming language comprises a Java Server Page.

Claim 7. (Previously Presented) The method of claim 3, further comprising:
receiving a voice request from a user;
translating the voice request into a translated request formatted in accordance with a protocol for transferring information over a network; and
processing the translated request;
wherein the step of selecting the script is performed in response to the processing of the translated request.

Claim 8. (Previously Presented) The method of claim 7, wherein the protocol for transferring information over a network is the Hypertext Transfer Protocol (HTTP).

Claim 9. (Previously Presented) The method of claim 3, wherein interpreting the processed script includes executing the generated script fragment.

Claim 10. (Previously Presented) The method of claim 9 wherein executing the generated script fragment includes randomly selecting an audio prompt from a set of audio prompts.

Claim 11. (Previously Presented) The method of claim 9, wherein executing the generated script fragment comprises selecting an audio prompt from a set of audio prompts in accordance with a predetermined selection order.

Claim 12. (Previously Presented) The method of claim 9, wherein executing the generated script fragment comprises selecting an audio prompt from a variable length list of audio prompts after determining that the end of the variable length list has not been reached.

Claim 13. (Previously Presented) The method of claim 9, wherein executing the generated script fragment comprises selecting a first audio prompt if it is determined that a user interaction is a first user interaction within a domain and selecting a second audio prompt if it is determined that the user interaction is not a first user interaction within the domain.

Claim 14. (Previously Presented) The method of claim 9, wherein executing the generated script fragment comprises routing an incoming call to one or more application programs.

Claim 15. (Currently amended) An interactive voice interface comprising:
an application program adapted to select and process a script wherein the script is ~~formatted~~ composed in accordance with a language for scripting interactive voice response services and has embedded therein an element of a high-level programming language and wherein processing the script includes executing the element of the high-

level programming language to dynamically generate a script fragment ~~formatted~~
composed in accordance with the language for scripting interactive voice services and
replacing the element of the high-level programming language with the generated script
fragment to generate a processed script; and

an interpreter adapted to interpret the processed script to generate a voice
response.

Claim 16. (Previously Presented) The interactive voice interface of claim 15,
wherein the language for scripting interactive voice response services is Voice
Extensible Markup Language (VoiceXML).

Claim 17. (Previously Presented) The interactive voice interface of claim 15,
wherein the element of the high-level programming language comprises a Java
programming language element.

Claim 18. (Previously Presented) The interactive voice interface of claim 15,
wherein the element of the high-level programming language comprises a Java Server
Page.

Claim 19. (Previously Presented) The interactive voice interface of claim 15,
further comprising:

a media telephony system adapted to receive a voice request from a user;

wherein the interpreter is further adapted to translate the voice request into a
translated request formatted in accordance with a protocol for transferring information

over a network, and wherein the application program is further adapted to process the translated request and to select the script in response to the processing of the translated request.

Claim 20. (Previously Presented) The interactive voice interface of claim 19, wherein the protocol for transferring information over a network is the Hypertext Transfer Protocol (HTTP).

Claim 21. (Previously Presented) The interactive voice interface of claim 15, wherein the interpreter is adapted to execute the generated script fragment.

Claim 22. (Previously Presented) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises randomly selecting an audio prompt from a set of audio prompts.

Claim 23. (Previously Presented) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises selecting an audio prompt from a set of audio prompts in accordance with a predetermined selection order.

Claim 24. (Previously Presented) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises selecting an audio prompt from a variable length list of audio prompts after determining that the end of the variable length list has not been reached.

Claim 25. (Previously Presented) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises selecting a first audio prompt if it is determined that a user interaction is a first user interaction within a domain and selecting a second audio prompt if it is determined that the user interaction is not a first user interaction within the domain.

Claim 26. (Previously Presented) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises routing an incoming call to one or more application programs.

Claim 27. (New) The method of claim 3, wherein the language for scripting interactive voice response services is a markup language.

Claim 28. (New) The interactive voice interface of claim 15, wherein the language for scripting interactive voice response services is a markup language.